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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Applicant: Shinohara	)	Art Unit: 2614
	)	
Serial No.: 09/898,697	)	Examiner: Chang
	)	
Filed: July 2, 2001	)	<b>50R4616</b>
	)	
For: <b>SYSTEM AND METHOD FOR LINKING CLOSED</b>	)	June 14, 2005
<b>CAPTIONING TO WEB SITE</b>	)	750 B STREET, Suite 3120
	)	San Diego, CA 92101
	)	

**Rule 131 Declaration**

Commissioner of Patents and Trademarks  
Alexandria, VA 22313

Dear Sir:

I, Hiroaki Shinohara, declare as follows:

1. I am the sole inventor of the above-captioned patent application.
2. I conceived of the subject invention before June 14, 2001, and indeed before December 1, 2000. Specifically, as indicated on the enclosed Sony Invention Disclosure Form signed by me on November 22, 2000, the slides on the page entitled "cc-Link" show closed captioning (first slide) that can be stored (second slide) for selection by a user (third slide, "SDG&E" highlighted as being selected by a user). Then, the fourth slide shows that an Internet search engine or dictionary is linked to using the selected term.
3. I declare that I and my assignee were diligent from a time prior to June 14, 2001 until the present filing date. Specifically, the enclosed letter from Harold Fujii to outside counsel bearing a date of May

116243.DEC

CASE NO.: 50R4616  
Serial No.: 09/898,697  
June 14, 2005  
Page 2

PATENT  
Filed: July 2, 2001

9, 2001 forwarded the disclosure to outside counsel for preparing a patent application. As stamped on the letter, it was received by outside counsel on May 14, 2001. The enclosed letter from Jeane Gahagan to me dated June 13, 2001 indicates that by June 13 - within a month of the disclosure being transmitted to outside counsel - outside counsel and I had worked together to produce a final draft of the application, and the necessary declaration and assignment were transmitted to me. Within about two weeks the application was executed, necessary papers were mailed back to outside counsel, and the application filed.

4. Moreover, we were diligent from a time prior to December 1, 2000 to the present filing date. As the enclosed Sony Invention Disclosure Form signed by me on November 22, 2000, after the Thanksgiving-Christmas holidays, I submitted the form to appropriate Sony channels, and the form was stamped as being received in the Sony Intellectual Property Department on February 1, 2001. It was placed in the usual invention disclosure queue for processing, including evaluation by in house Sony patent counsel, and in the usual space of time was evaluated as "file" and assigned in due course to outside counsel for filing.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

1168-43.DEC

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Serial No.: 09/898,697  
June 14, 2005  
Page 3

PATENT  
Filed: July 2, 2001



Hiroaki Shinohara

Respectfully submitted,



John L. Rogitz  
Registration No. 33,549  
Attorney of Record  
750 B Street, Suite 3120  
San Diego, CA 92101  
Telephone: (619) 338-8075

1102-43.1000

NOV 2000

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IPD SAN DIEGO of JUN 16 2005

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## INVENTION DISCLOSURE FORM

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JAN 16 2001

Note: Detailed instructions for completing this form can be found in Appendix V of Sony's Patent Guide for Engineers and Inventors.

## 1. IDENTIFICATION

IPD Case #:

## 1a. Short Descriptive Title of the Invention:

Linkage method from closed caption to other databases

KEN ONO  
(R & D use only)

50R4616

## 1b. Short Summary of the Invention:

Create linkages from a word in closed caption data (Line 21) to other databases including  
web site over the Internet.

## 2. Name of Responsible Patent Coordinator (if any):

Business Address: Hiroaki Shinohara

Business Phone/Fax: 1-858-942-5915/ 1-858-942-9219

Business Email Address: Hiro.Shinohara@am.sony.com

MZ7360, 16450 West Bernardo Drive, San Diego, 92127

## 3. Identify all persons who contributed to the present invention including persons from other Sony Divisions, Sony Japan and Outside Companies. Final determination of inventorship is a legal question which will be resolved at a later time.

(1)

Full Legal Name: Hiroaki Shinohara (篠原 浩昭)

Home Address: 17041 Tesoro Drive, San Diego, 92128

Citizenship: Japan (If Japanese, please provide name in Kanji)

Business Address (include mail drop): MZ7360, 16450 West Bernardo Drive, San Diego, 92127

Business Phone/Fax: 1-858-942-5915/ 1-858-942-9219

Business Email Address: Hiro.Shinohara@am.sony.com

Division / Company / Location: New Business Development / HNC E&amp;M / San Diego Build.7

☒ Sony Employee ☐ Intern ☐ Contractor/Consultant ☐ Temp. ☐ Other:

Manager's Name: Akira Shimazu

Business Address: MZ7360, 16450 West Bernardo Drive, San Diego, 92127

Business Phone/Fax: 1-858-942-5534/ 1-858-942-9219

Business Email Address: Akira.Shimazu@am.sony.com

(2)

Full Legal Name:

Home Address:

Citizenship: (If Japanese, please provide name in Kanji)

Business Address (include mail drop):

Business Phone/Fax:

Business Email Address:

Division / Company / Location:

☐ Sony Employee ☐ Intern ☐ Contractor/Consultant ☐ Temp. ☐ Other:

Manager's Name:

Business Address:

Business Phone/Fax:

Business Email Address:

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CARLA KRUEGER

AEC

2 of \_\_\_\_

(3)

Full Legal Name:	
Home Address:	
Citizenship:	(If Japanese, please provide name in Kanji)
Business Address (include mail drop):	
Business Phone/Fax:	/
Business Email Address:	
Division / Company / Location: /	
<input type="checkbox"/> Sony Employee <input type="checkbox"/> Intern <input type="checkbox"/> Contractor/Consultant <input type="checkbox"/> Temp. <input type="checkbox"/> Other :	
Manager's Name:	
Business Address:	
Business Phone/Fax:	/
Business Email Address:	

(4)

Full Legal Name:	
Home Address:	
Citizenship:	(If Japanese, please provide name in Kanji)
Business Address (include mail drop):	
Business Phone/Fax:	/
Business Email Address:	
Division / Company / Location: /	
<input type="checkbox"/> Sony Employee <input type="checkbox"/> Intern <input type="checkbox"/> Contractor/Consultant <input type="checkbox"/> Temp. <input type="checkbox"/> Other :	
Manager's Name:	
Business Address:	
Business Phone/Fax:	/
Business Email Address:	

(Use Additional Inventors sheet if necessary)

**II. BACKGROUND INFORMATION**

1. Do you believe this invention was developed while working under or in the performance of experimental, developmental or research work called for by a Government Contract or upon the understanding that a Government Contract would be awarded?  
☒ NO    ☐ YES
2. Has your invention been disclosed to anyone outside of Sony in a speech, exhibit, presentation, product, product manual, report, lecture, trade show, technical article, publication or otherwise?  
☒ NO    ☐ YES
3. Is this invention related to any previous Sony Invention Disclosures of which you are aware (made by you or someone else)?  
☒ NO    ☐ YES
4. If you responded "YES" to any of questions 1-3, please explain below:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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5. Name of product(s) or project(s) for which this invention was developed:

Interactive TV, Set Top Box, etc.

6. When do you expect a product incorporating this invention to be sold, offered for sale or shown to someone outside of Sony? (If a product or prototype has already been sold, offered for sale or shown, please identify the earliest date this happened.):

Year 2002

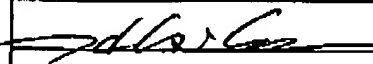
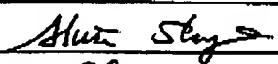

7. Has a working model of the invention been built and tested (or appropriate software been written)?
- 
- ☒
- NO
- ☐
- YES: If yes, who has witnessed a demonstration, and when?

8. List below any patents, publications, articles, texts, products, etc. which describe technology similar to your invention including reference material which may be useful in understanding the background technology of your invention: (Include a copy of each item to IPD. Please include copies of all bibliographical information.)

N/A**III. DESCRIPTION OF THE INVENTION**

Provide a concise technical description of your invention in the format outlined below on the following pages.

- 1: Explain the problems, issues or needs which led to the invention, and explain how others have addressed these problems, issues or needs.
- 2: Describe your invention in terms of how it solves the problems described in paragraph 1. Specifically identify the new or novel features of your invention. Describe the construction and operation of the invention including drawings (flow charts, schematics, block diagrams, mechanical drawings, photographs, etc.) You may attach documentation in the form of letters, memos, engineering notebook pages, etc. if available, or you may use as many invention disclosure data sheets as necessary. Be sure each page is signed, dated and witnessed.
- 3: If there is more than one way to implement your invention, describe the "Best Mode" or your personal preference as to how to best implement, build, produce, or use your invention (e.g. preferred parts, materials, techniques, etc. which you feel are best in practicing your invention). Each submitter's opinion is important here, even if there is disagreement. Please list anything you think will make the invention better in any way.
- 4: Briefly describe any alternate uses, variations or modifications of your invention, if any, which you contemplate.

Signature of Submitter(s)			Read and understood by: Signatures of Witnesses (at least two witnesses preferred)		
	Date	11/22/00		Date	11/22/00
	Date			Date	11/27/00
	Date			Date	
	Date			Date	

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**Invention Disclosure Data Sheet**

( see attached )

Signature of Submitter(s)			Read and understood by: Signatures of Witnesses (at least two witnesses preferred)		
	Date			Date	
	Date			Date	
	Date			Date	
	Date			Date	

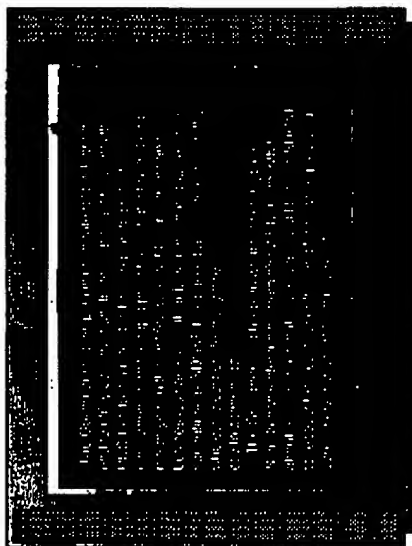
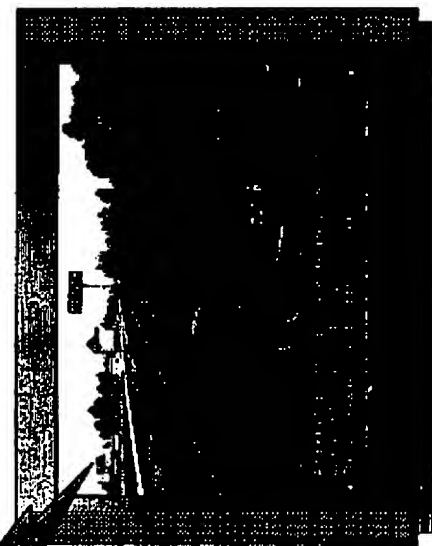
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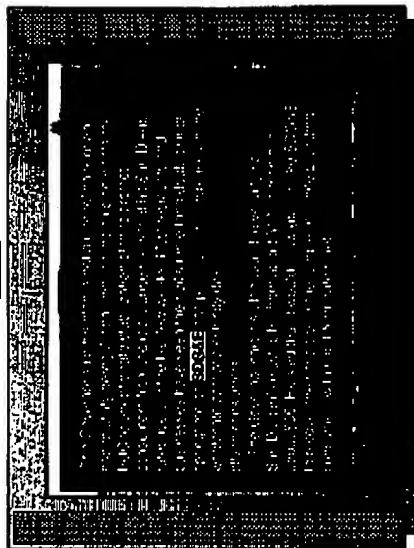
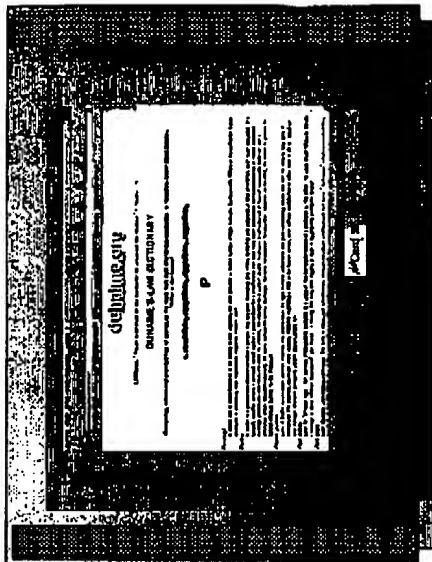
Hiro Shinozaki  
New Business Development  
Sony Electronics Inc.  
8/18/2000

# cc-Link

Link with closed caption with search engine or/and web site.



TV set stores closed caption data and display on a full screen on user's command.



Link to search engine or dictionary on the Internet

User can select his/her UNKNOWN word, and...

1168.027

**SONY**

Sony Electronics Inc., Intellectual Property Department  
123 Tice Boulevard, Woodcliff Lake, New Jersey 07677-8402  
Telephone (201) 930-1000 Fax (201) 930-6854 Sender's Direct Telephone (201) 930-

09-May-2001

John L. Rogitz, Esq.

Rogitz &amp; Associates

Symphony Towers

750 "B" Street, Suite 3120

San Diego

CA

92101

Re: 50R4616

Assignee SONY CORPORATION AND SONY ELECTRONICS INC.

Comments/Disclosure Title: LINKAGE METHOD FROM CLOSED CAPTION TO OTHER  
DATABASES.

Dear Mr. Rogitz:

Enclosed you will find a new invention disclosure. Please prepare and file a patent application for the subject invention without a preliminary search.

I anticipate that you will need to speak with the inventor in order to complete the patent application. The inventor's business telephone number is on the invention disclosure. Please feel free to contact the inventor directly as the need arises. Please send copies of all communications with the inventor and the patent coordinator for this Sony facility to Andrea Petit-Clair at our New Jersey Office. The patent coordinator (if any) for this facility along with his address, telephone number and facsimile number are listed below.

If you feel that you need to meet with the inventor personally in order to complete this job, please clear such a meeting with the managing attorney. The patent coordinator or Managing Attorney/Agent listed below can assist in coordinating any such meeting which might be required. If you have any questions, please feel free to contact me at (408) 955-4998.

I will look forward to confirmation of filing this application within three (3) months of the date of this letter, or prior to any bar date, whichever is earlier.

Very truly yours,



Harold Fujii, Esq.

Director, West Coast Operations

Encl.

Managing Attorney Frederick J. Zustak, Esq. 858-942-7117

Please acknowledge receipt of this disclosure material and provide your firm's reference number by return fax - 201-930-6854.

\*\*Please see the attached for special instructions or search results (if any) regarding this application.

CC:

**received**  
5-14-01  
Rogitz & Assoc.

**ROGITZ & ASSOCIATES**  
**PATENT, TRADEMARK, AND COPYRIGHT CAUSES**  
**SYMPHONY TOWERS**  
750 "B" STREET, SUITE 3120  
SAN DIEGO, CALIFORNIA 92101  
E-MAIL: rogitz@adnc.com  
FACSIMILE (619) 338-8078  
(619) 338-8075

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JUN 16 2005

June 13, 2001

Mr. Hiroaki Shinohara  
17041 Tesoro Drive  
San Diego, California 92128

Re: Final Patent Application for Sony Disclosure No. 50R4616  
Title: SYSTEM AND METHOD FOR LINKING CLOSED CAPTIONING TO WEB SITE  
Our File No.: 1168.043

Dear Mr. Shinohara:

Enclosed is the above-referenced final patent application, along with the formal filing documents.

Please review the patent application and the formal filing documents for accuracy. Should all documents prove accurate, please sign and date the declaration and the assignment, and return the filing documents to us. In no case should the assignment be dated prior to the declaration, however, the documents may be signed on the same day.


It is our understanding, that there is a notary available to witness your signature at the Sony Intellectual Property Department.

Upon our receipt of the signed, dated documents, we will immediately file the application with the United States Patent and Trademark Office. Time is of the essence and your attention to these matters is greatly appreciated.

Please don't hesitate to contact us, should you have questions or comments regarding the enclosed.

Best Regards.

Yours Truly,

  
Jeanne Gahagan  
Administrator

Encs.

cc: Andrea Petit-Clair (w/encs.)

cc: Frederick Zustak (w/encs.)

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